



South Carolina Department of Health  
and Environmental Control

**Environmental Quality Control  
Incident Report  
Incident No.: 201900804**

**County:** Charleston    **District:** Charleston EQC Office    **District Log No.:**

**Incident Type:** Spill/Release    **Sub Type:** Hazardous Material    **Incident Status:** Closed

**Created:** 02/22/2019 by Robert M Duncan    **Updated:** 05/24/2019 by Ashley C Esposito

**Caller:** Lanxess Corporation, Larry Kowal  
2151 King St Ext  
Charleston SC 29405-6124  
Callback: 843-740-5316

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**Description of incident:** Reported hazmat RQ release from a tote on to pavement at facility address 2151 King St. Chas. See Notes for NRC report.

**Documents attached:** File, Site Photograph. Total docs = 4

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**Potential Responsible Party:** Lanxess Corporation  
2151 King St Ext  
Charleston SC 29405-6124  
Phone: 843-740-5316

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**Observed:**

**Occurred:** 02/22/2019 1055

**DHEC Notified:** 02/22/2019 1120 via Phone Robert M Duncan

**Assigned to:** Ashley C Esposito

**48 Hour Goal Met?** Y    **5 day goal met?** Y    **CBEP?** N

**Closure comments:** disposal manifest attached. The cleanup actions performed during the emergency phase of this incident were completed to the Bureau Land and Waste Management, Division of Waste Assessment and Emergency Response (WAER), of the South Carolina Department of Health and Environmental Control satisfaction. Therefore, no further emergency actions will be required by WAER at this time. If, however, contamination becomes evident in the future, further assessment and/or remediation may be required.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Spill

**RQ Release?** Y                      **Transportation Related?** N                      **Product Contained?** Y  
**MSDS Available?** N                      **Injuries?** N                      **Surface Water affected?** N  
**Chemtrec Consulted?** Y                      **Evacuation?** N

**Water body:**

**Cleanup Contractor Used:**

**On-Site Coordinator:**

**Lead Investigator:**

**Cleanup Process Comments:**

Substances Released	Released			Estimated		Recovered	
	Date	Time	Dur	Qty	Units	Qty	Units
Ethylene Dichloride	02/22/2019	1055		1000	Pounds		

## Notes

Date: 02/22/2019 Time: 16:06:26 Created by: Robert M Duncan

NATIONAL RESPONSE CENTER 1-800-424-8802

\*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\*

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1238349

### INCIDENT DESCRIPTION

\*Report taken by NRC at 11:13 on 22-FEB-19

Incident Type: FIXED

Incident Cause: OTHER

Affected Area:

Incident occurred on 22-FEB-19 at 10:55 local incident time.

Affected Medium: LAND / PAVEMENT

### REPORTING PARTY

Name: LARRY KOWAL

Organization: LANXESS (CHARLESTON, SC SITE)

Address: 2151 KING STREET EXT.

CHARLESTON, SC 29405

PRIMARY Phone: (843)7405305

Type of Organization: PRIVATE ENTERPRISE

### SUSPECTED RESPONSIBLE PARTY

Name: LARRY KOWAL

Organization: LANXESS (CHARLESTON, SC SITE)

Address: 2151 KING STREET EXT.

CHARLESTON, SC 29405

PRIMARY Phone: (843)7405305

Type of Organization: PRIVATE ENTERPRISE

### INCIDENT LOCATION

2151 KING STREET EXT. County: CHARLESTON

City: CHARLESTON State: SC Zip: 29405

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RELEASED MATERIAL(S)

CHRIS Code: EDC Official Material Name: ETHYLENE DICHLORIDE

Also Known As:

Qty Released: 100 GALLON(S)

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DESCRIPTION OF INCIDENT

CALLER REPORTED 100 GALLONS OF ETHYLENE DICHLORIDE WAS RELEASED INTO PAVEMENT CONTAINMENT FROM A PLASTIC TOTE DUE BEING DROPPED OUT OF A STORAGE AREA.

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SENSITIVE INFORMATION

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INCIDENT DETAILS

Package: N/A

Building ID:

Type of Fixed Object: CHEMICAL FACILITY

Power Generating Facility: UNKNOWN

Generating Capacity:

Type of Fuel:

NPDES:

NPDES Compliance: UNKNOWN

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IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:

FATALITIES: NO Empl/Crew: Passenger: Occupant:

EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

	Hours	Direction of
Closure Type Description of Closure	Closed	Closure
Air: NO		
Road: NO	Major	Artery:NO
Waterway:NO		
Track: NO		

Passengers Transferred: NO

Environmental Impact: UNKNOWN

Media Interest: UNKNOWN Community Impact due to Material:

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REMEDIAL ACTIONS

KITTY LITTER APPLIED.

Release Secured: YES

Release Rate:

Estimated Release Duration:

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 WEATHER
 

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 ADDITIONAL AGENCIES NOTIFIED
 

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Federal:

State/Local:

State/Local On Scene:

State Agency Number:

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 NOTIFICATIONS BY NRC
 

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CENTERS FOR DISEASE CONTROL (GRASP)

22-FEB-19 11:20 (770)4887100

CG INVESTIGATIVE SERVICE CHARLESTON (CGIS RAC CHARLESTON)

22-FEB-19 11:20 (843)7403170

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI

22-FEB-19 11:20 (703)7673477

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS &amp; LIASON PROGRA

22-FEB-19 11:20 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

22-FEB-19 11:20 (202)3661863

U.S. EPA IV (NC/SC INCIDENTS)

22-FEB-19 11:20 (404)6504955

U.S. EPA IV (DUTY OSC)

22-FEB-19 11:20 (404)6504955

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

22-FEB-19 11:20 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

22-FEB-19 11:20 (202)2829201

NOAA RPTS FOR SC (MAIN OFFICE)

22-FEB-19 11:20 (206)5264911

SC DHS TSA COORDINATION CENTER (COORDINATION CENTER)

22-FEB-19 11:20 (803)4515181

SC EMERGENCY MANAGEMENT DIVISION (MAIN OFFICE)

22-FEB-19 11:20 (803)7378500

SECTOR CHARLESTON (COMMAND CENTER)

(843)7407050

SECTOR CHARLESTON (PORT SECURITY SECTOR CHARLESTON)

22-FEB-19 11:20 (843)7407050

SC DEPT OF ENV CNTL ATTN: ERS (MAIN OFFICE)

22-FEB-19 11:20 (803)2536488

TSA OFFICE OF SECURITY OPERATIONS (SURFACE COMPLIANCE BRANCH SE REGION)

22-FEB-19 11:20 (904)9804075

TSA OFFICE OF SECURITY OPERATIONS (TRANSPORTATION SECURITY INSPECTION-S

22-FEB-19 11:20 (904)3804077

USCG DISTRICT 7 (MAIN OFFICE)

22-FEB-19 11:20 (305)4156800

USCG DISTRICT 7 (PREVENTION DEPT)

22-FEB-19 11:20 (305)4156838

USCG DISTRICT 7 (INCIDENT MANAGEMENT ADVISOR)

22-FEB-19 11:20 (305)4156838

U.S. NAVY REGION SOUTHEAST (NAVY FOSC)

22-FEB-19 11:20 (904)4828397

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 ADDITIONAL INFORMATION
 

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\*\*\* END INCIDENT REPORT #1238349 \*\*\*

Date: 03/01/2019 Time: 14:06:03 Created by: Ashley C Esposito

On 2/22/19 spoke with Larry at 11:34 AM about incident. He state a 100-gallon tote of ethyl dichloride spilled on the ground. They used kitty litter to absorb and swept of material into drums marked hazwaste. They use Clean Harbor for disposal. I arrived on site around 12:30 to meet the Superintendent Michael Shaw and Ed Infinger to observe the clean up process. Workers were wearing air respirators, glove, eyewear, fully covered clothing, boots, and shovels during clean up. They estimated 6 totes will be used to clean up. At the time observing the site, they were working on the 5th drum. There plans are to test the soil near spill site to ensure they disposed of the entire product that was on the ground. Micheal Shaw explained this incidnet ocured when the forklift driver hit a hole on the ground that cause the tote to fall. Michael Shaw will email pictures of the spill, SDS, and disposal manifest. I left the site around 13:15.

2/26/19 Michael Shaw emailed pictures of the spill and SDS on the product. At this time they have not made disposal arrangement. Please see the attachments for these files.

3/1/19 at 14:47 received attached document. They are still working on the disposal manifest.

## Tasks

Complaint Inspections(Inspection) Status: Complete Started: 03/01/19 Completed: 03/01/19 Results: Complete



South Carolina Department of Health  
and Environmental Control

**Environmental Quality Control  
Incident Report  
Incident No.: 201901988**

**County:** Charleston    **District:** Charleston EQC Office    **District Log No.:**

**Incident Type:** Spill/Release    **Sub Type:** Hazardous Material    **Incident Status:** Closed

**Created:** 05/23/2019 by Paul D Lee    **Updated:** 06/26/2019 by William C Davis

**Caller:** Lanxess Corporation  
2151 King St Ext  
Charleston SC 29405-6124  
Callback: 843-740-5316

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**Description of incident:** CALLER STATED DUE TO UNKNOWN CAUSES THERE WAS A RELEASE OF CHLORINE

GAS TO THE AIR AT THE CHEMICAL PLANT. CALLER STATED THERE IS A SHELTER IN PLACE IN AFFECT AND IT IS UNKNOWN IF THERE WILL BE ANY OFF SITE IMPACT. see notes.

**Documents attached:**

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**Potential Responsible Party:**

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**Observed:** 05/22/2019 14:00  
**Occurred:** 05/22/2019 13:00  
**DHEC Notified:** 05/22/2019 13:25 via Phone Paul D Lee  
**Assigned to:** William C Davis

**48 Hour Goal Met?** Y    **5 day goal met?** Y    **CBEP?** N

**Closure comments:** Clyde Davis reports that the all -clear has been announced at the facility (lifting the shelter in-place requirement). Facility entry team found a valve had failed to close completely. The valve was taken offline and will be replaced. All response organizations are now departing the scene. The facility will conduct an internal accident investigation and upon completion forward that report to DHEC. The cleanup actions performed during the emergency phase of this incident were completed to the Bureau Land and Waste Management, Division of Waste Assessment and Emergency Response (WAER), of the South Carolina Department of Health and Environmental Control satisfaction. Therefore, no further emergency actions will be required by WAER at this time. If, however, contamination becomes evident in the future, further assessment and/or remediation may be required.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Spill

**RQ Release?** Y

**Transportation Related?** N

**Product Contained?** N

**MSDS Available?** N

**Injuries?** N

**Surface Water affected?** N

**Chemtrec Consulted?** Y

**Evacuation?** Y

**Water body:**

**Cleanup Contractor Used:**

**On-Site Coordinator:**

**Lead Investigator:**

**Cleanup Process Comments:** Clyde Davis reports that the all -clear has been announced at the facility (lifting the shelter in-place requirement). Facility entry team found a valve had failed to close completely. The valve was taken offline and will be replaced. All response organizations are now departing the scene. The facility will conduct an internal accident investigation and upon completion forward that report to DHEC.

Substances Released	Released			Estimated		Recovered	
	Date	Time	Dur	Qty	Units	Qty	Units
Chlorine Erpg1=1ppm, Erpg2=3,Erpg3=20 Srs	05/22/2019	1300		1	Gallons		Gallons

## Notes

Date: 05/23/2019 Time: 11:03:41 Created by: Paul D Lee

Incident Report # 1246470

### INCIDENT DESCRIPTION

\*Report taken by NRC at 13:11 on 22-MAY-19

Incident Type: FIXED

Incident Cause: UNKNOWN

Affected Area:

Incident occurred on 22-MAY-19 at 13:00 local incident time.

Affected Medium: AIR / ATMOSPHERE

### REPORTING PARTY

Name: JOSHUA BARTELL

Organization: LANSESS CORPORATION

Address: 2151 KING STREET  
CHARLESTON, SC 29405

PRIMARY Phone: (843)7405274

Type of Organization: PRIVATE ENTERPRISE

### SUSPECTED RESPONSIBLE PARTY

Name: JOSHUA BARTELL

Organization: LANSESS CORPORATION

Address: 2151 KING STREET  
CHARLESTON, SC 29405

PRIMARY Phone: (843)7405274

Type of Organization: PRIVATE ENTERPRISE

### INCIDENT LOCATION

2151 KING STREET County: CHARLESTON

City: CHARLESTON State: SC Zip: 29405

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 RELEASED MATERIAL(S)

CHRIS Code: CLX Official Material Name: CHLORINE  
 Also Known As: CHLORINE GAS  
 Qty Released: 0 UNKNOWN AMOUNT

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 DESCRIPTION OF INCIDENT

CALLER STATED DUE TO UNKNOWN CAUSES THERE WAS A RELEASE OF CHLORINE GAS TO THE AIR AT THE CHEMICAL PLANT. CALLER STATED THERE IS A SHELTER IN PLACE IN AFFECT AND IT IS UNKNOWN IF THERE WILL BE ANY OFF SITE IMPACT.

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 SENSITIVE INFORMATION

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 INCIDENT DETAILS

Package: N/A  
 Building ID:  
 Type of Fixed Object: CHEMICAL FACILITY  
 Power Generating Facility: NO  
 Generating Capacity:  
 Type of Fuel:  
 NPDES:  
 NPDES Compliance: UNKNOWN

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 IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:  
 FATALITIES: NO Empl/Crew: Passenger: Occupant:  
 EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

	Hours	Direction of
Closure Type Description of Closure	Closed	Closure

Air: NO

	Major
Road: NO	Artery:NO

Waterway:NO

Track: NO

Passengers Transferred: NO  
 Environmental Impact: UNKNOWN  
 Media Interest: UNKNOWN Community Impact due to Material:

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 REMEDIAL ACTIONS

SHELTER IN PLACE, INVESTIGATION UNDERWAY  
 Release Secured: YES  
 Release Rate:



Estimated Release Duration:

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WEATHER

Weather: CLEAR, 90°F Wind speed: 10 MPH Wind direction: N

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ADDITIONAL AGENCIES NOTIFIED

Federal:

State/Local:

State/Local On Scene:

State Agency Number:

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NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)

22-MAY-19 13:17 (770)4887100

CG INVESTIGATIVE SERVICE CHARLESTON (CGIS RAC CHARLESTON)

22-MAY-19 13:17 (843)7403170

DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY'S OPERATION CENTER (SOC))

22-MAY-19 13:17

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI

22-MAY-19 13:17 (703)7673477

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRA

22-MAY-19 13:17 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

22-MAY-19 13:17 (202)3661863

U.S. EPA IV (MAIN OFFICE)

(404)6504955

U.S. EPA IV (NC/SC INCIDENTS)

22-MAY-19 13:17 (404)6504955

U.S. EPA IV (DUTY OSC)

22-MAY-19 13:17 (404)6504955

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

22-MAY-19 13:17 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

22-MAY-19 13:17 (202)2829201

NOAA RPTS FOR SC (MAIN OFFICE)

22-MAY-19 13:17 (206)5264911

PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATI

22-MAY-19 13:17 (202)3664031

DOI FOR REGION 4 (MAIN OFFICE)

22-MAY-19 13:17 (404)3314524

SC DHS TSA COORDINATION CENTER (COORDINATION CENTER)

22-MAY-19 13:17 (803)4515181

SC EMERGENCY MANAGEMENT DIVISION (MAIN OFFICE)

22-MAY-19 13:17 (803)7378500

SECTOR CHARLESTON (COMMAND CENTER)

(843)7407050

SC DEPT OF ENV CNTL ATTN: ERS (MAIN OFFICE)

22-MAY-19 13:17 (803)2536488

TSA OFFICE OF SECURITY OPERATIONS (SURFACE COMPLIANCE BRANCH SE REGION)

22-MAY-19 13:17 (904)9804075

TSA OFFICE OF SECURITY OPERATIONS (TRANSPORTATION SECURITY INSPECTION-S

22-MAY-19 13:17 (904)3804077

USCG DISTRICT 7 (MAIN OFFICE)

22-MAY-19 13:17 (305)4156800

USCG DISTRICT 7 (PREVENTION DEPT)

22-MAY-19 13:17 (305)4156838  
USCG DISTRICT 7 (INCIDENT MANAGEMENT ADVISOR)  
22-MAY-19 13:17 (305)4156838  
U.S. NAVY REGION SOUTHEAST (NAVY FOSC)  
22-MAY-19 13:17 (904)4828397

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ADDITIONAL INFORMATION

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\*\*\* END INCIDENT REPORT #1246470 \*\*\*

Date: 05/23/2019 Time: 11:06:28 Created by: Paul D Lee  
DHEC regional staff (Clyde Davis/Hollon Stillwell) responded to the site and report release has been stopped. Reported six facility personnel were taken to the hospital for precautionary observation due to potential exposure to Chlorine gas. Shelter in-place is at the facility. No evacuations for the surrounding industrial community. Local fire and hazmat crews responded and remain in place.

Release occurred from an "empty" rail car that was in the process of being cleaned. Facility personnel will be making re-entry to ensure the tank and all connection lines are secured (with local FD hazmat team acting as rescue/back-up.) Surrounding businesses have been notified of the incident. At this time there are no indications of any offsite impacts. DHEC personnel remain on-scene to monitor the situation. EPA personnel also where on-site conducting another audit. They (EPA) also will remain on-site to monitor.

Duty Officer, Division of Emergency Response  
S.C. Department of Health & Environmental Control  
Mobile: (803) 920-4840  
24-Hour: (888) 481-0125  
ert-frcc@dhec.sc.gov

Date: 05/23/2019 Time: 11:07:00 Created by: Paul D Lee  
Final update.

Clyde Davis reports that the all -clear has been announced at the facility (lifting the shelter in-place requirement). Facility entry team found a valve had failed to close completely. The valve was taken offline and will be replaced. All response organizations are now departing the scene. The facility will conduct an internal accident investigation and upon completion forward that report to DHEC.

Duty Officer, Division of Emergency Response  
S.C. Department of Health & Environmental Control  
Mobile: (803) 920-4840  
24-Hour: (888) 481-0125  
ert-frcc@dhec.sc.gov

## Tasks

Complaint Inspections(Inspection) Status: Complete Started: 05/23/19 Completed: 05/23/19 Results: Complete



South Carolina Department of Health  
and Environmental Control

**Environmental Quality Control  
Incident Report  
Incident No.: 201702480**

**County:** Charleston **District:** Charleston EQC Office **District Log No.:**

**Incident Type:** Spill/Release **Sub Type:** Hazardous Material **Incident Status:** Closed

**Created:** 05/31/2017 by Jonathan T Summa **Updated:** 06/13/2017 by Jonathan T Summa

**Caller:** Lanxess Corporation  
2151 King St Ext  
Charleston SC 29405-6124  
Callback: 843-740-5316

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**Description of incident:** NRC report(#1179204) regarding a faulty pump on a storage tank resulted in the release of Phosphorus into containment.

**Documents attached:** Screenshot. Total docs = 4

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**Potential Responsible Party:**

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**Observed:**

**Occurred:** Duration: 2 hrs

**DHEC Notified:** 05/31/2017 15:19:24 via Phone

**Assigned to:** Jonathan T Summa

**48 Hour Goal Met?** Y **5 day goal met?** Y **CBEP?** N

**Closure comments:** Jon Summa arrived on site on 5/24. Due to the recent weather event the containment area was partially submerged with water containing the phosphorous. Repairs were made before the site visit. Bryan Hill(corporate operations manager) stated on 5/31 that all phosphorous was removed and placed back into the original container and the water from the containment area was tested non hazardous using a Tclip. Pictures in documents. NRC Followup letter received. Letter in documents.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Tasks

Complaint Inspections(Inspection) Status: Complete Started: 05/31/17 Completed: 05/31/17 Results: Complete



South Carolina Department of Health  
and Environmental Control

**Environmental Quality Control  
Incident Report  
Incident No.: 201903884**

**County:** Charleston **District:** Charleston EQC Office **District Log No.:**

**Incident Type:** Spill/Release **Sub Type:** Hazardous Material **Incident Status:** Closed

**Created:** 11/27/2019 by Paul D Lee **Updated:** 12/03/2019 by Wendy M Boswell

**Caller:** Charleston County Dispatch  
4045 Azalea Dr  
Charleston SC 29406  
Callback: [REDACTED]

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**Description of incident:** Duty officer was notified at 0130 am by Charleston County 911 of a fire alarm reported at the Lanxess Chemical plant located at 2151 Kings Street Extension, Charleston ,SC 29405. DHEC staff are en-route to the facility . see notes.

**Documents attached:**

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**Potential Responsible Party:** Lanxess Corporation  
2151 King St Ext  
Charleston SC 29405-6124  
Phone: 843-740-5316

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**Observed:**

**Occurred:** 11/26/2019 0045

**DHEC Notified:** 11/26/2019 0130 via Phone Paul D Lee

**Assigned to:** Ashley C Auerbach

**48 Hour Goal Met?** Y **5 day goal met?** Y **CBEP?** N

**Closure comments:** See notes. The cleanup actions performed during the emergency phase of this incident were completed to the Bureau Land and Waste Management, Division of Waste Assessment and Emergency Response (WAER), of the South Carolina Department of Health and Environmental Control satisfaction. Therefore, no further emergency actions will be required by WAER at this time. If, however, contamination becomes evident in the future, further assessment and/or remediation may be required.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Notes

Date: 11/27/2019 Time: 09:36:14 Created by: Paul D Lee  
From: HQS-PF-flidr-NRC@uscg.mil <HQS-PF-flidr-NRC@uscg.mil>  
Sent: Wednesday, November 27, 2019 2:24 AM  
To: frcc, ert  
Subject: NRC#1264985

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NATIONAL RESPONSE CENTER 1-800-424-8802

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Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1264985

### INCIDENT DESCRIPTION

\*Report taken by NRC at 02:09 on 27-NOV-19  
Incident Type: FIXED  
Incident Cause: UNKNOWN  
Affected Area: ASHLEY RIVER  
Incident occurred on 27-NOV-19 at 01:55 local incident time.  
Affected Medium: WATER / ASHLEY RIVER

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### REPORTING PARTY

Name: JOSHUA BARTEL  
Organization: LANXESS  
Address: 2151 KING ST EXTENSION  
CHARLESTON, SC  
Email Address: joshua.bartel@lanxess.com

PRIMARY Phone: (843)3238620  
Type of Organization: PRIVATE ENTERPRISE

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### SUSPECTED RESPONSIBLE PARTY

Name: JOSHUA BARTEL  
Organization: LANXESS  
Address: 2151 KING ST EXTENSION  
CHARLESTON, SC  
PRIMARY Phone: (843)3238620  
Type of Organization: PRIVATE ENTERPRISE

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### INCIDENT LOCATION

2151 KING ST EXT County: CHARLESTON  
City: CHARLESTON State: SC  
CHEMICAL FACILITY

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### RELEASED MATERIAL(S)

CHRIS Code: PPW Official Material Name: PHOSPHORUS, WHITE  
Also Known As:

Qty Released: 0 UNKNOWN AMOUNT

Qty in Water: 0 UNKNOWN AMOUNT

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DESCRIPTION OF INCIDENT

CALLER IS REPORTING A FIRE AT A CHEMICAL FACILITY. CALLER STATED PHOSPHORUS RELEASED FROM AN ISO CONTAINER DUE TO UNKNOWN CAUSES. CALLER STATED PHOSPHORUS MIXED WITH WATER RELEASED INTO THE ASHLEY RIVER.

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SENSITIVE INFORMATION

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INCIDENT DETAILS

Package: N/A

Building ID:

Type of Fixed Object: CHEMICAL FACILITY

Power Generating Facility: UNKNOWN

Generating Capacity:

Type of Fuel:

NPDES:

NPDES Compliance: UNKNOWN

---WATER INFORMATION---

Body of Water: ASHLEY RIVER

Tributary of:

Nearest River Mile Marker:

Water Supply Contaminated: UNKNOWN

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IMPACT

Fire Involved: YES Fire Extinguished: NO

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:

FATALITIES: NO Empl/Crew: Passenger: Occupant:

EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

	Hours	Direction of
Closure Type Description of Closure	Closed	Closure

Air: NO

	Major
Road:	Artery:NO

Waterway:NO

Track: NO

Passengers Transferred: NO

Environmental Impact: UNKNOWN

Media Interest: UNKNOWN Community Impact due to Material:

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REMEDIAL ACTIONS

FIRE DEPT IS ON SITE TRYING TO EXTINGUISH THE FIRE, PLANT AND SURROUNDING AREA HAS BEEN PUT ON "SHELTER IN PLACE", INVESTIGATION IS UNDERWAY.

Release Secured: NO  
Release Rate:  
Estimated Release Duration:

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WEATHER

Weather: CLEAR, °F

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ADDITIONAL AGENCIES NOTIFIED

Federal:  
State/Local: DHEC  
State/Local On Scene: FD  
State Agency Number:

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NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)

27-NOV-19 02:23 (770)4887100

USCG DESK AT DHS NOC (USCG LNO)

27-NOV-19 02:23 (202)2828114

CG INVESTIGATIVE SERVICE CHARLESTON (CGIS RAC CHARLESTON)

27-NOV-19 02:23 (843)7403170

DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY'S OPERATION CENTER (SOC))

27-NOV-19 02:23

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI

27-NOV-19 02:23 (703)7673477

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRA

27-NOV-19 02:23 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

27-NOV-19 02:23 (202)3661863

U.S. EPA IV (NC/SC INCIDENTS)

27-NOV-19 02:23 (404)6504955

U.S. EPA IV (DUTY OSC)

27-NOV-19 02:23 (404)6504955

USCG NATIONAL COMMAND CENTER (MAIN OFFICE)

27-NOV-19 02:23 (202)3722100

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

27-NOV-19 02:23 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

27-NOV-19 02:23 (202)2829201

NOAA RPTS FOR SC (MAIN OFFICE)

27-NOV-19 02:23 (206)5264911

NATIONAL RESPONSE CENTER HQ (MAIN OFFICE)

27-NOV-19 02:23

PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATI

27-NOV-19 02:23 (202)3664031

DOI FOR REGION 4 (MAIN OFFICE)

27-NOV-19 02:23 (404)3314524

REPORTING PARTY (RP SUBMITTER)

27-NOV-19 02:23

SC DHS TSA COORDINATION CENTER (COORDINATION CENTER)

27-NOV-19 02:23 (803)4515181

SC EMERGENCY MANAGEMENT DIVISION (MAIN OFFICE)

27-NOV-19 02:23 (803)7378500

SECTOR CHARLESTON (COMMAND CENTER)

(843)7407050

SC DEPT OF ENV CNTL ATTN: ERS (MAIN OFFICE)



27-NOV-19 02:23 (803)2536488  
TSA OFFICE OF SECURITY OPERATIONS (SURFACE COMPLIANCE BRANCH SE REGION)  
27-NOV-19 02:23 (904)9804075  
TSA OFFICE OF SECURITY OPERATIONS (TRANSPORTATION SECURITY INSPECTION-S  
27-NOV-19 02:23 (904)3804077  
USCG DISTRICT 7 (MAIN OFFICE)  
27-NOV-19 02:23 (305)4156800  
USCG DISTRICT 7 (PREVENTION DEPT)  
27-NOV-19 02:23 (305)4156838  
USCG DISTRICT 7 (INCIDENT MANAGEMENT ADVISOR)  
27-NOV-19 02:23 (305)4156838  
U.S. NAVY REGION SOUTHEAST (NAVY FOSC)  
27-NOV-19 02:23 (904)4828397

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ADDITIONAL INFORMATION

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\*\*\* END INCIDENT REPORT #1264985 \*\*\*

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Date: 11/27/2019 Time: 09:36:53 Created by: Paul D Lee (Significant)

frcc, ert

Wed 11/27/2019 4:56 AM

Final Brief --04:06 am. Ashley Auerbach (DHEC Charleston ERT) reports Incident Command has re-opened hwy I-26 and removed shelter in-place recommendations around the facility. Road closures are limited to the immediate area adjacent to the plant entrance. Mostly to facilitate the safety of the local media/ TV camera crews that have arrived.

An unknown amount of Phosphorous was released onto the ground. Water spray fog operations will continue to be implemented by the facility in the area of the release. (Reminder--dry Phosphorous ignites on-contact with the air). Charleston FD Incident command is now being transitioned to facility ER response personnel. Based on the amounts of water spray observed and the continued use of precautionary water spray fog operations, we do believe some fire water runoff reached the Ashley River. DHEC staff will continue to work with facility personnel to address any mitigation/remediation issues from this incident.

Duty Officer, Division of Emergency Response  
S.C. Department of Health & Environmental Control  
Mobile: (803) 920-4840  
24-Hour: (888) 481-0125  
ert-frcc@dhec.sc.gov

From: frcc, ert <ert-frcc@dhec.sc.gov>  
Sent: Wednesday, November 27, 2019 3:28 AM  
To: \*\*\*BEHS Initial Brief \*\*\* <behsinitialbrief@dhec.sc.gov>  
Cc: Auerbach, Ashley <AUERBAAC@dhec.sc.gov>; McWilliams, Jesse <mcwilljk@dhec.sc.gov>  
Subject: Re: Chemical plant fire--Charleston County

0300 am. Ashley Auerbach (DHEC Charleston ERT) reported the fire was extinguished. Hwy I-26 beside the plant has been temporally closed as a precaution. 1.5 mile shelter in-place zone was implemented around the plant by local Authorities. At this time, Plant personnel report it appears fire water run-off did not reach the Ashley river. But investigations will continue to confirm that report. Road closures and shelter-in-place will be lifted by Incident command as soon as conditions are deemed stable.

Duty Officer, Division of Emergency Response  
S.C. Department of Health & Environmental Control  
Mobile: (803) 920-4840  
24-Hour: (888) 481-0125

ert-frcc@dhec.sc.gov

From: frcc, ert <ert-frcc@dhec.sc.gov>  
Sent: Wednesday, November 27, 2019 2:34 AM  
To: \*\*\*BEHS Initial Brief \*\*\* <behsinitialbrief@dhec.sc.gov>  
Cc: Auerbach, Ashley <AUERBAAC@dhec.sc.gov>; McWilliams, Jesse <mcwilljk@dhec.sc.gov>  
Subject: Chemical plant fire--Charleston County

Duty officer was notified at 0130 am by Charleston County 911 of a fire alarm reported at the Lanxess Chemical plant located at 2151 Kings Street Extension, Charleston, SC 29405. DHEC staff are en-route to the facility. see below notification from the facility.

see below

Duty Officer, Division of Emergency Response  
S.C. Department of Health & Environmental Control  
Mobile: (803) 920-4840  
24-Hour: (888) 481-0125  
ert-frcc@dhec.sc.gov

---

From: HQS-PF-flidr-NRC@uscg.mil <HQS-PF-flidr-NRC@uscg.mil>  
Sent: Wednesday, November 27, 2019 2:24 AM  
To: frcc, ert  
Subject: NRC#1264985

\*\*\* Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. \*\*\*

NATIONAL RESPONSE CENTER 1-800-424-8802

\*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\*

Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1264985

#### INCIDENT DESCRIPTION

\*Report taken by NRC at 02:09 on 27-NOV-19  
Incident Type: FIXED  
Incident Cause: UNKNOWN  
Affected Area: ASHLEY RIVER  
Incident occurred on 27-NOV-19 at 01:55 local incident time.  
Affected Medium: WATER / ASHLEY RIVER

---

#### REPORTING PARTY

Name: JOSHUA BARTEL  
Organization: LANXESS  
Address: 2151 KING ST EXTENSION  
CHARLESTON, SC  
Email Address: joshua.bartel@lanxess.com

PRIMARY Phone: (843)3238620  
Type of Organization: PRIVATE ENTERPRISE

## SUSPECTED RESPONSIBLE PARTY

Name: JOSHUA BARTEL  
 Organization: LANXESS  
 Address: 2151 KING ST EXTENSION  
 CHARLESTON, SC  
 PRIMARY Phone: (843)3238620  
 Type of Organization: PRIVATE ENTERPRISE

## INCIDENT LOCATION

2151 KING ST EXT County: CHARLESTON  
 City: CHARLESTON State: SC  
 CHEMICAL FACILITY

## RELEASED MATERIAL(S)

CHRIS Code: PPW Official Material Name: PHOSPHORUS, WHITE  
 Also Known As:  
 Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT

## DESCRIPTION OF INCIDENT

CALLER IS REPORTING A FIRE AT A CHEMICAL FACILITY. CALLER STATED PHOSPHORUS RELEASED FROM AN ISO CONTAINER DUE TO UNKNOWN CAUSES. CALLER STATED PHOSPHORUS MIXED WITH WATER RELEASED INTO THE ASHLEY RIVER.

## SENSITIVE INFORMATION

## INCIDENT DETAILS

Package: N/A  
 Building ID:  
 Type of Fixed Object: CHEMICAL FACILITY  
 Power Generating Facility: UNKNOWN  
 Generating Capacity:  
 Type of Fuel:  
 NPDES:  
 NPDES Compliance: UNKNOWN  
 ---WATER INFORMATION---  
 Body of Water: ASHLEY RIVER  
 Tributary of:  
 Nearest River Mile Marker:  
 Water Supply Contaminated: UNKNOWN

## IMPACT

Fire Involved: YES Fire Extinguished: NO

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:  
 FATALITIES: NO Empl/Crew: Passenger: Occupant:  
 EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

Hours Direction of  
 Closure Type Description of Closure Closed Closure

Air: NO

Road: Major Artery:NO

Waterway:NO

Track: NO

Passengers Transferred: NO

Environmental Impact: UNKNOWN

Media Interest: UNKNOWN Community Impact due to Material:

---

#### REMEDIAL ACTIONS

FIRE DEPT IS ON SITE TRYING TO EXTINGUISH THE FIRE, PLANT AND SURROUNDING AREA HAS BEEN PUT ON "SHELTER IN PLACE", INVESTIGATION IS UNDERWAY.

Release Secured: NO

Release Rate:

Estimated Release Duration:

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#### WEATHER

Weather: CLEAR, °F

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#### ADDITIONAL AGENCIES NOTIFIED

Federal:

State/Local: DHEC

State/Local On Scene: FD

State Agency Number:

---

#### NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)

27-NOV-19 02:23 (770)4887100

USCG DESK AT DHS NOC (USCG LNO)

27-NOV-19 02:23 (202)2828114

CG INVESTIGATIVE SERVICE CHARLESTON (CGIS RAC CHARLESTON)

27-NOV-19 02:23 (843)7403170

DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY'S OPERATION CENTER (SOC))

27-NOV-19 02:23

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI

27-NOV-19 02:23 (703)7673477

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRA

27-NOV-19 02:23 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

27-NOV-19 02:23 (202)3661863

U.S. EPA IV (NC/SC INCIDENTS)

27-NOV-19 02:23 (404)6504955

U.S. EPA IV (DUTY OSC)

27-NOV-19 02:23 (404)6504955

USCG NATIONAL COMMAND CENTER (MAIN OFFICE)

27-NOV-19 02:23 (202)3722100

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

27-NOV-19 02:23 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

27-NOV-19 02:23 (202)2829201

NOAA RPTS FOR SC (MAIN OFFICE)

27-NOV-19 02:23 (206)5264911  
 NATIONAL RESPONSE CENTER HQ (MAIN OFFICE)  
 27-NOV-19 02:23  
 PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATI  
 27-NOV-19 02:23 (202)3664031  
 DOI FOR REGION 4 (MAIN OFFICE)  
 27-NOV-19 02:23 (404)3314524  
 REPORTING PARTY (RP SUBMITTER)  
 27-NOV-19 02:23  
 SC DHS TSA COORDINATION CENTER (COORDINATION CENTER)  
 27-NOV-19 02:23 (803)4515181  
 SC EMERGENCY MANAGEMENT DIVISION (MAIN OFFICE)  
 27-NOV-19 02:23 (803)7378500  
 SECTOR CHARLESTON (COMMAND CENTER)  
 (843)7407050  
 SC DEPT OF ENV CNTL ATTN: ERS (MAIN OFFICE)  
 27-NOV-19 02:23 (803)2536488  
 TSA OFFICE OF SECURITY OPERATIONS (SURFACE COMPLIANCE BRANCH SE REGION)  
 27-NOV-19 02:23 (904)9804075  
 TSA OFFICE OF SECURITY OPERATIONS (TRANSPORTATION SECURITY INSPECTION-S  
 27-NOV-19 02:23 (904)3804077  
 USCG DISTRICT 7 (MAIN OFFICE)  
 27-NOV-19 02:23 (305)4156800  
 USCG DISTRICT 7 (PREVENTION DEPT)  
 27-NOV-19 02:23 (305)4156838  
 USCG DISTRICT 7 (INCIDENT MANAGEMENT ADVISOR)  
 27-NOV-19 02:23 (305)4156838  
 U.S. NAVY REGION SOUTHEAST (NAVY FOSC)  
 27-NOV-19 02:23 (904)4828397

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#### ADDITIONAL INFORMATION

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\*\*\* END INCIDENT REPORT #1264985 \*\*\*

Report any problems by calling 1-800-424-8802  
 PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

Date: 12/02/2019 Time: 09:24:05 Created by: Ashley C Auerbach

Received initial call at 0145. Arrived onstie at 0230. Fire was extinguished around 0245. 0315 Interstate and roads opened back up. 0335 Reverse 911 lifted shelter in place order. Fire fighting water went to retention ponds. Facility confirmed that the retention pond did have a release of water from the retention pond to the Ashley River. The facility could not access the ISO container to turn the final valves isolating the tank from the environment until approximately 1015. Once the valves were sealed, the command was turned over to Lanxess from the City of Charleston Hazmat. Most spilled material was captured in secondary containment and the clean up will happen at a later time. The lab results from the pond that discharged to the Ashley River showed that phosphoric Acid was non detect and pH was normal. Total phosphorus was 11 ppm and 8 ppm.

## Tasks

Complaint Inspections(Inspection) Status: Complete Started: 12/02/19 Completed: 12/02/19 Results: Complete



South Carolina Department of Health  
and Environmental Control

**Environmental Quality Control  
Incident Report  
Incident No.: 201804831**

**County:** Charleston    **District:** Charleston EQC Office    **District Log No.:**

**Incident Type:** Spill/Release    **Sub Type:** Hazardous Material    **Incident Status:** Closed

**Created:** 12/19/2018 by Jonathan T Summa    **Updated:** 01/02/2019 by Jonathan T Summa

**Caller:** NRC

**Callback:** [REDACTED]

---

**Description of incident:** An NRC report was received to the regional office on 11/30 regarding a chlorine release at the Lanxess Charleston facility(viously Solvay). NRC report located in Notes. Initial estimation released ~10 lbs.

**Documents attached:**

---

**Potential Responsible Party:** Lanxess Corporation  
2151 King St Ext  
Charleston SC 29405-6124  
Phone: 843-740-5316

---

**Observed:**

**Occurred:**

**DHEC Notified:** 12/19/2018 07:56:07 via Phone Jonathan T Summa

**Assigned to:** Jonathan T Summa

**48 Hour Goal Met?** Y    **5 day goal met?** Y    **CBEP?** N

**Closure comments:** See notes. Facility reports final release estimation at ~45lbs of Chlorine. No waste generated. No cleanup initiated. No followup required.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

## Notes

Date: 12/19/2018 Time: 08:00:26 Created by: Jonathan T Summa

NATIONAL RESPONSE CENTER 1-800-424-8802

\*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\*

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1231743

### INCIDENT DESCRIPTION

\*Report taken by NRC at 16:15 on 30-NOV-18

Incident Type: FIXED

Incident Cause: EQUIPMENT FAILURE

Affected Area:

Incident was discovered on 30-NOV-18 at 14:30 local incident time.

Affected Medium: AIR / ATMOSPHERE

---

### REPORTING PARTY

Name: LARRY KOWAL

Organization: LANXESS (CHARLESTON, SC SITE)

Address: 2151 KING STREET EXT.

CHARLESTON, SC 29405

Email Address: lawrence.kowal@lanxess.com

PRIMARY Phone: (843)7405305

Type of Organization: PRIVATE ENTERPRISE

---

### SUSPECTED RESPONSIBLE PARTY

Name: LARRY KOWAL

Organization: LANXESS (CHARLESTON, SC SITE)

Address: 2151 KING STREET EXT.

CHARLESTON, SC 29405

PRIMARY Phone: (843)7405305

Type of Organization: PRIVATE ENTERPRISE

---

### INCIDENT LOCATION

2151 KING STREET EXT. County: CHARLESTON

City: CHARLESTON State: SC Zip: 29405

---

### RELEASED MATERIAL(S)

CHRIS Code: CLX Official Material Name: CHLORINE

Also Known As:

Qty Released: 0 UNKNOWN AMOUNT

---

### DESCRIPTION OF INCIDENT

CALLER STATED WHILE GETTING READY TO CHARGE A REACTOR WITH CHLORINE, A PIN HOLE LEAK WAS DISCOVERED ON AN EXPANSION POT. CALLER STATED THE INCIDENT OCCURRED AT 1430 BUT THE AMOUNT COULD NOT BE ESTIMATED UNTIL 1603. CALLER STATED AMOUNT OF CHLORINE RELEASED WAS GREATER THAN 10 POUNDS. CALLER STATED 55 EMPLOYEES WERE PUT INTO SHELTER-IN-

PLACE.

---

SENSITIVE INFORMATION

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INCIDENT DETAILS

Package: N/A  
Building ID:  
Type of Fixed Object: CHEMICAL FACILITY  
Power Generating Facility: UNKNOWN  
Generating Capacity:  
Type of Fuel:  
NPDES:  
NPDES Compliance: UNKNOWN

---

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: NO Sent to Hospital: Empl/Crew: Passenger:  
FATALITIES: NO Empl/Crew: Passenger: Occupant:  
EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

	Hours	Direction of
Closure Type Description of Closure	Closed	Closure

Air: NO

	Major
Road: NO	Artery:NO

Waterway:NO

Track: NO

Passengers Transferred: NO  
Environmental Impact: UNKNOWN  
Media Interest: UNKNOWN Community Impact due to Material:

---

REMEDIAL ACTIONS

55 EMPLOYEES WERE PUT INTO SHELTER-IN-PLACE, ONSITE SPILL RESPONSE  
TEAM ISOLATED THE LINE AND BLED IT DOWN TO A SCRUBBER.  
Release Secured: YES  
Release Rate:  
Estimated Release Duration:

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WEATHER

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ADDITIONAL AGENCIES NOTIFIED

Federal:  
State/Local:  
State/Local On Scene:



State Agency Number:

---

NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)

30-NOV-18 16:28 (770)4887100

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGI

30-NOV-18 16:28 (703)7673477

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRA

30-NOV-18 16:28 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

30-NOV-18 16:28 (202)3661863

U.S. EPA IV (MAIN OFFICE)

(404)6504955

U.S. EPA IV (NC/SC INCIDENTS)

30-NOV-18 16:28 (404)6504955

U.S. EPA IV (DUTY OSC)

30-NOV-18 16:28 (404)6504955

U.S. EPA IV (SOUTH AIR ENFORCEMENT AND TOXICS BRANCH)

30-NOV-18 16:28 (404)5628262

GA BUREAU OF INVESTIGATION (COMMAND CENTER)

30-NOV-18 16:28 (404)3081460

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

30-NOV-18 16:28 (202)2829201

NOAA RPTS FOR SC (MAIN OFFICE)

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SECTOR CHARLESTON (COMMAND CENTER)

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30-NOV-18 16:28 (904)3804077

USCG DISTRICT 7 (MAIN OFFICE)

30-NOV-18 16:28 (305)4156800

USCG DISTRICT 7 (PREVENTION DEPT)

30-NOV-18 16:28 (305)4156838

U.S. NAVY REGION SOUTHEAST (NAVY FOSC)

30-NOV-18 16:28 (904)4828397

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ADDITIONAL INFORMATION

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\*\*\* END INCIDENT REPORT #1231743 \*\*\*

Report any problems by calling 1-800-424-8802

PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

USCG National Response Center Home Page

[www.nrc.uscg.mil](http://www.nrc.uscg.mil)

Welcome to the National Response Center Anyone witnessing an oil spill, chemical release or maritime security incident should call the NRC hotline at 1-800-424-8802. \*\*Updated April 19, 2018\*\* - CERCLA and EPCRA Reporting Requirements for Air Releases of Hazardous Substances from Animal Waste at Farms.

Date: 12/19/2018 Time: 08:01:31 Created by: Jonathan T Summa

I called the reporting party(Larry Kowal) to get additional information.

Larry stated the release originated at a 90 degree bend in a insulated transport line. The facility has several air monitoring stations around the system and around the property line. The air monitoring stations near the malfunctioning system triggered and shut down the malfunctioning system. The facility reports air stations on property line showed no levels of Chlorine. Facility final estimation of release was ~45lbs of Chlorine gas.

Site visit completed on 11/30.

Initial call received at 1630.

Arrived onscene at 1730.

Site was in normal operations during time of visit.

I viewed air monitoring stations onsite.

I viewed malfunctioning system.

Left scene at 1830.

Arrived home at 1900.

## Tasks

Complaint Inspections(Inspection) Status: Complete Started: 12/19/18 Completed: 12/19/18 Results: Complete